

Name: \_\_\_\_\_

Period: \_\_\_\_\_ Table: \_\_\_\_\_



1. How many **milliliters (mL)** is a 24 fl-oz bottle of Aquafina Water?
2. How many **kilograms (kg)** is a half-pound hamburger?
3. What are the dimensions in **centimeters (cm)** of a dollar bill if its dimensions are 6 inches x 2.5 inches?
4. How many **Liters (L)** of gasoline will fill a 5-gallon container?
5. How many **grams (g)** are there in 1.5 kg of gold?
6. How many **Liters (L)** are in the bottle in Problem 1?
7. What is the volume of a CD in **cm<sup>3</sup>** if its radius is 6 cm and its thickness is .12 cm?
8. What is the volume in **cm<sup>3</sup>** of a 6-sided die if each side is 1.2 cm?
9. What is the volume in **Liters (L)** of a basketball if its radius is 12 cm?

**BONUS [1 point each] - Answer must be completely correct**

- B1. How many 8-fl-oz cups will one 2-liter bottle of Pepsi fill?
- B2. Gold sells for **\$1692** per oz. What is the current value in **dollars (\$)** of the gold in problem 5?
- B3. My car gets 32 miles per gallon highway. What would it get in **km/L**?